

ESPS Peer-review Report

Name of Journal: World Journal of Gastroenterology

Ms: 2276

Title: META-ANALYSIS OF THE MACROPHAGE MIGRATION INHIBITORY FACTOR GENE IN INFLAMMATORY BOWEL DISEASE

Reviewer code: 00860822

Science editor: s.x.gou@wjgnet.com

Date sent for review: 2013-02-16 10:17

Date reviewed: 2013-02-19 02:47

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input type="checkbox"/> Accept
<input type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
<input type="checkbox"/> Grade C (Good)	<input type="checkbox"/> Grade C: a great deal of language polishing	<input type="checkbox"/> No records	<input type="checkbox"/> Rejection
<input type="checkbox"/> Grade D (Fair)	<input type="checkbox"/> Grade D: rejected	<input type="checkbox"/> Existed	<input type="checkbox"/> Minor revision
<input type="checkbox"/> Grade E (Poor)		<input type="checkbox"/> No records	<input type="checkbox"/> Major revision

COMMENTS

COMMENTS TO AUTHORS:

The authors analyzed the contributing role of MIF gene polymorphisms in IBD through a meta-analysis manner in New Zealanders, and they finally did not find association between of them. For this study, I have following questions I did not follow up the description by the authors: 1. Strictly, the authors did not following the criteria of meta-analysis writing. From their topic, it is, but when reading it, I am confused that they performed their original study in New Zealand patients. 2. The authors also gave an IRB approval of ethic issue. For meta-analysis, a kind study just put all other people's reports together and analyzed the overall effect. However, the authors in fact did not clearly present that. In addition, the original purpose of a meta-analysis is to overcome the drawback of single study's small sample size. The authors gave ethic approval certificate wanted to show performed analyses about the data from their own institute's dataset. Yes, even if all these data came from the New Zealand patients, how can only those with such an approval? If there were some without it, that means the data cannot reflect the real situation of the New Zealand? 3. Even the hypothesis of the analysis was good; I still suggest the authors redescribe their study in a relatively non-confusing standardized meta-analysis manner. 4. I cannot find how many associated published papers were retrieved and how many were excluded because of their so-called without ethical approval and other reasons. Please provide a flowchart or diagram for the literature searching and excluding. 5. From their forest plots, I cannot get the basic information how many patients for each study they included except for the OR and weight. It was not enough for the readers to analyze



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the data if they want to do that. 6. They said their control group came from a literature (ref. 22). From that, I only found that this paper is a comment on an editorial paper (Arthritis Rheum. 2005 Jul;52(7):1952-5.). How could they choose such a paper? Further, if there were control groups in their selected studies for analysis? If yes, why not used them directly. Last, in the reference 22, the authors presented patients with rheumatoid arthritis in a New Zealand Caucasian. How could these patients as they said without inflammation disease be their control groups compared with IBD? 7. In fact, the title should be redescribed because their analysis merely focused on New Zealand patients, not for all over the world. 8. In the abstract, result section, deleted the first two sentences. They are not the results.

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Ms: 2276

Title: META-ANALYSIS OF THE MACROPHAGE MIGRATION INHIBITORY FACTOR GENE IN INFLAMMATORY BOWEL DISEASE

Reviewer code: 00069827

Science editor: s.x.gou@wjgnet.com

Date sent for review: 2013-02-16 10:17

Date reviewed: 2013-02-26 04:14

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[] Grade B (Very good)	[] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	[] Existed	[] Minor revision
[] Grade E (Poor)		[] No records	[] Major revision

COMMENTS

COMMENTS TO AUTHORS:

First of all I would like to congratulate the authors for presenting the manuscript of the outstanding quality and for using a rather innovative approach towards the statistical analysis of the data, both newly acquired and already existing in the recent literature. The topic about the role of MIF in the pathogenesis of IBD is intensively discussed during last couple of years, including the promoter polymorphism of this gene. It is also seen as one of the possible novel therapeutic targets for the management of IBD. The group has contributed to the research in this field by contributing data about the prevalence of the MIF promoter polymorphism in large population of patients and healthy controls. Furthermore, they nicely meta-analyzed and reviewed the existing data, and concluded that there is no evidence of association of MIF promoter polymorphisms with IBD. Paper is well structured, comprehensive and clearly written. I strongly support the publication of this manuscript in WJG.



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Ms: 2276

Title: META-ANALYSIS OF THE MACROPHAGE MIGRATION INHIBITORY FACTOR GENE IN INFLAMMATORY BOWEL DISEASE

Reviewer code: 00009783

Science editor: s.x.gou@wjgnet.com

Date sent for review: 2013-02-16 10:17

Date reviewed: 2013-03-07 02:42

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[] Grade B (Very good)	[] Grade B: minor language polishing	[] Existed	[] High priority for publication
[] Grade C (Good)	[] Grade C: a great deal of language polishing	[] No records	[] Rejection
[] Grade D (Fair)	[] Grade D: rejected	[] Existed	[] Minor revision
[] Grade E (Poor)		[] No records	[] Major revision

COMMENTS

COMMENTS TO AUTHORS:

This study investigated the association of Macrophage Migration Inhibitory Factor (MIF) promoter polymorphisms (MIF SNP -173G>C and CATT5-8) with inflammatory bowel disease, using the data collected both by their own and from the others. In general, this is a well conducted study and paper is well written. I just suggest some minor change: to incorporate the first three sentences in the results of the abstract into the aims and methods portion.



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Reviewer code: 00009783

Science editor: s.x.gou@wjgnet.com

Date sent for review: 2013-02-16 10:17

Date reviewed: 2013-03-07 02:45

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
[Y] Grade A (Excellent)	[Y] Grade A: Priority Publishing	Google Search:	[Y] Accept
[] Grade B (Very good)	[] Grade B: minor language polishing	[] Existed	[] High priority for publication
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COMMENTS

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Name of Journal: World Journal of Gastroenterology

Ms: 2276

Title: META-ANALYSIS OF THE MACROPHAGE MIGRATION INHIBITORY FACTOR GENE IN INFLAMMATORY BOWEL DISEASE

Reviewer code: 02445746

Science editor: s.x.gou@wjgnet.com

Date sent for review: 2013-02-16 10:17

Date reviewed: 2013-03-15 06:09

CLASSIFICATION	LANGUAGE EVALUATION	RECOMMENDATION	CONCLUSION
<input type="checkbox"/> Grade A (Excellent)	<input checked="" type="checkbox"/> Grade A: Priority Publishing	Google Search:	<input checked="" type="checkbox"/> Accept
<input checked="" type="checkbox"/> Grade B (Very good)	<input type="checkbox"/> Grade B: minor language polishing	<input type="checkbox"/> Existed	<input type="checkbox"/> High priority for publication
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COMMENTS

COMMENTS TO AUTHORS:

N/A